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ORIGINAL IMAGE

FIG. 1



BICUBIC

FIG. 3

PRIOR ART



GENERIC IMAGE
HALLUCINATION

FIG. 5



NEAREST NEIGHBOR

FIG. 2

PRIOR ART



BACKPROJECTION

FIG. 4

PRIOR ART

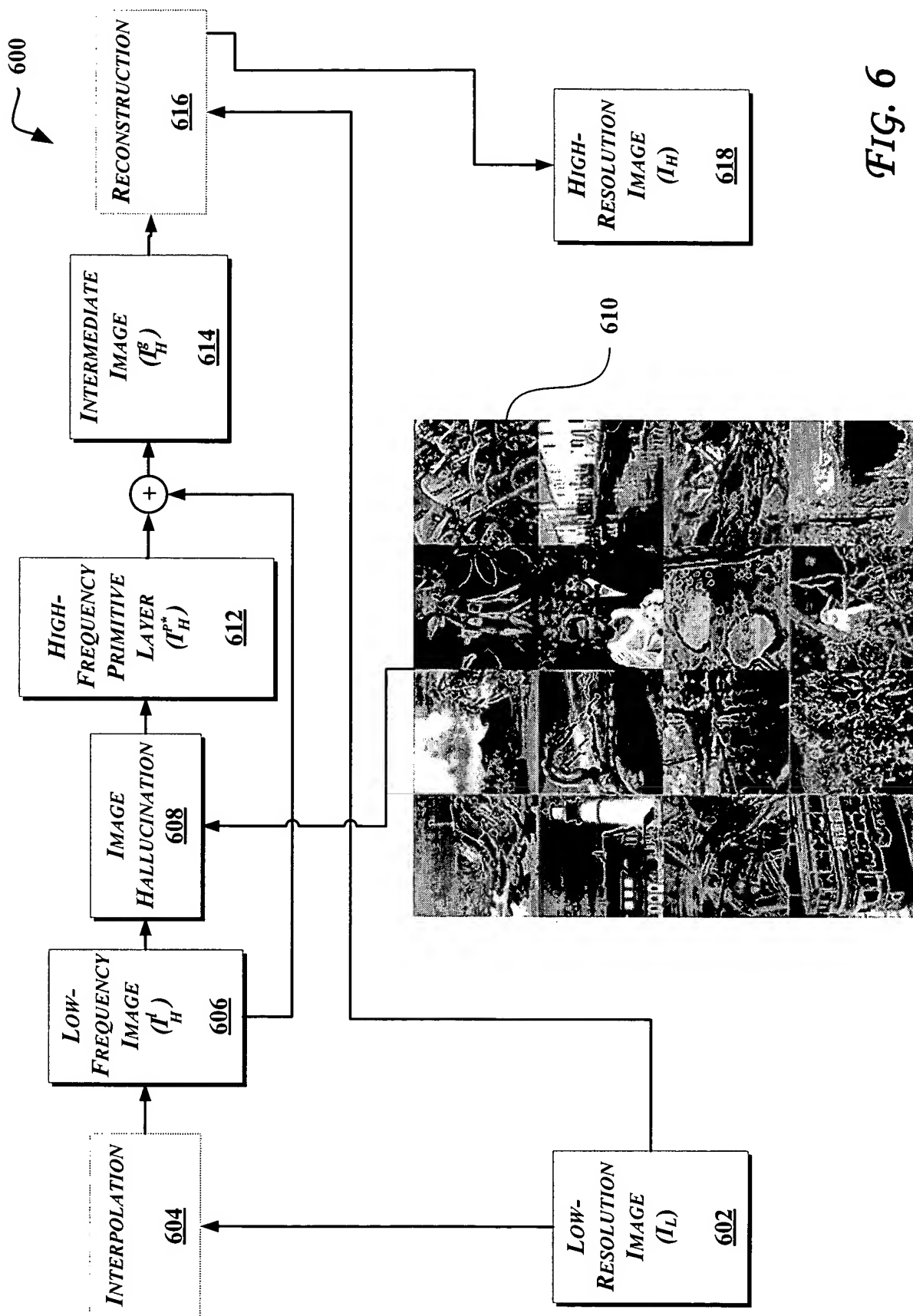


FIG. 6



I_L

FIG. 7



I'_H

FIG. 8



I''_H

FIG. 9



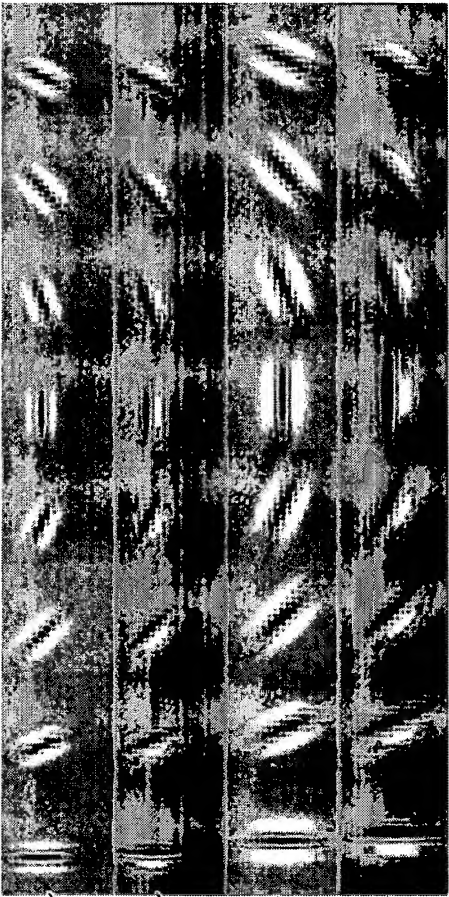
I^g_H

FIG. 10



I_H

FIG. 11



FILTER BANK

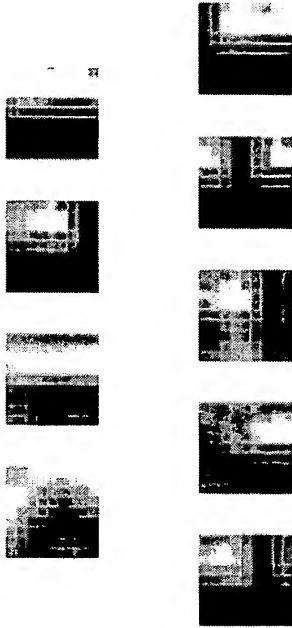
FIG. 12

1202

1204

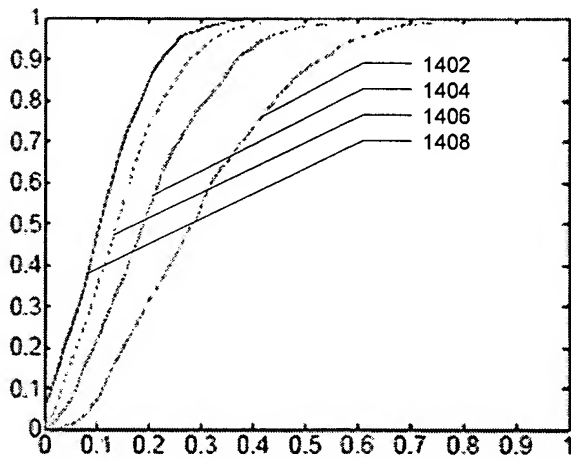
1206

1208



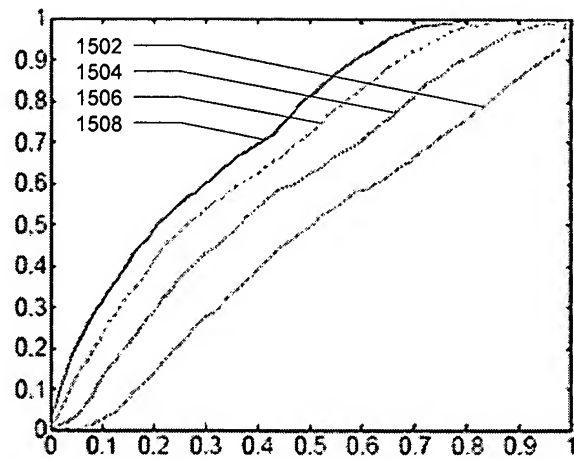
TYPICAL PRIMITIVES

FIG. 13



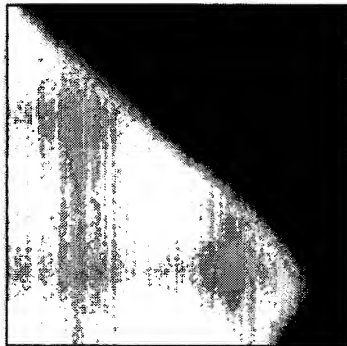
PRIMITIVE TRAINING DATA

Fig. 14



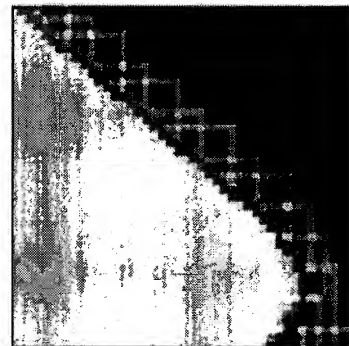
COMPONENT TRAINING DATA

Fig. 15



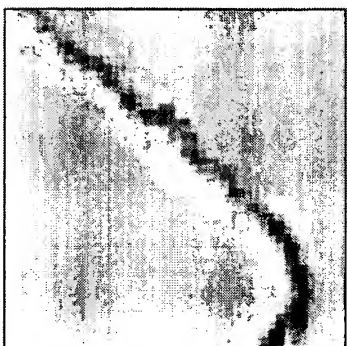
LOW-FREQUENCY IMAGE

Fig. 17



EXTRACTED CONTOUR
PATCHES

Fig. 18



NEAREST NEIGHBOR

Fig. 19



MARKOV CHAIN

Fig. 20

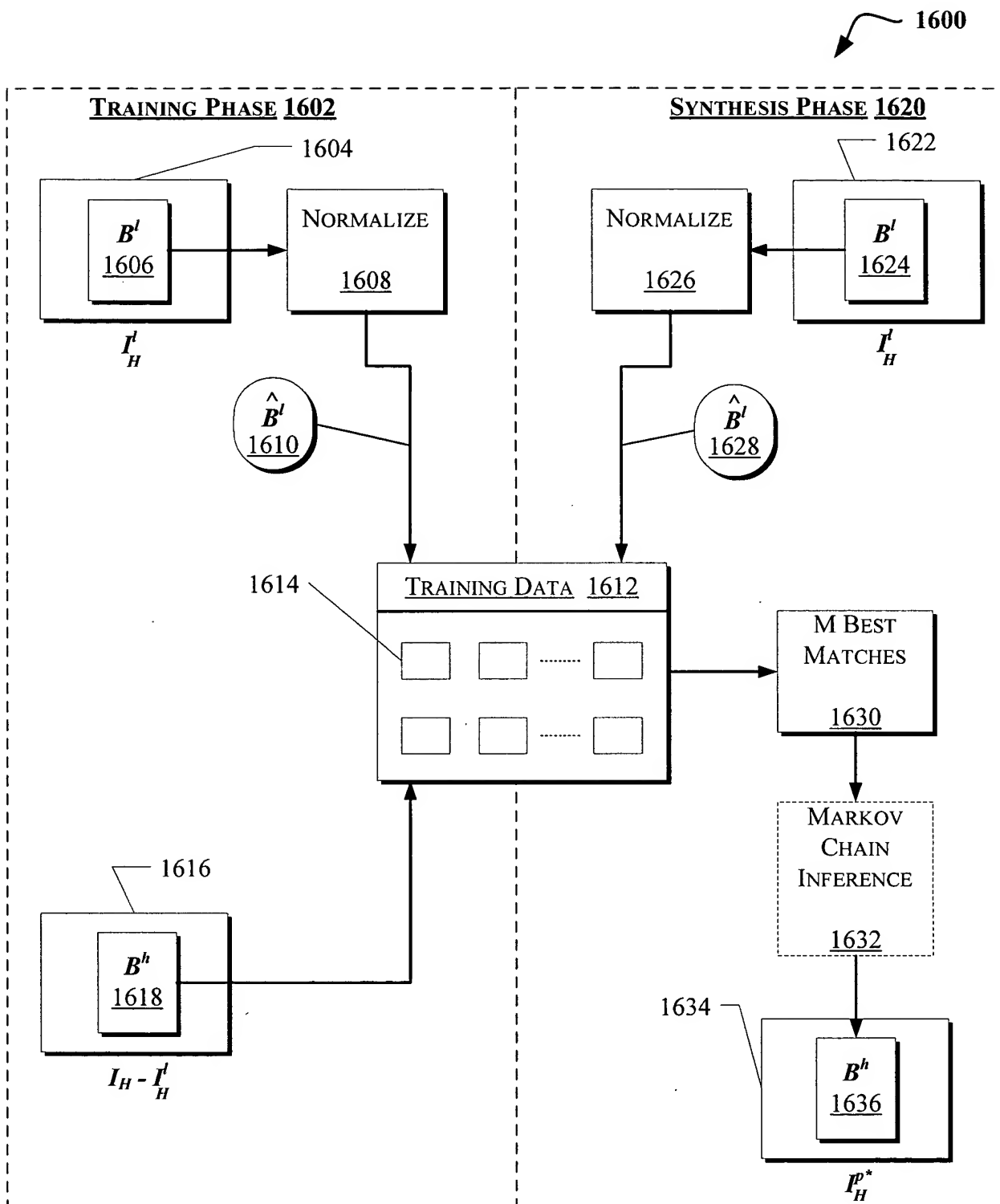


FIG. 16

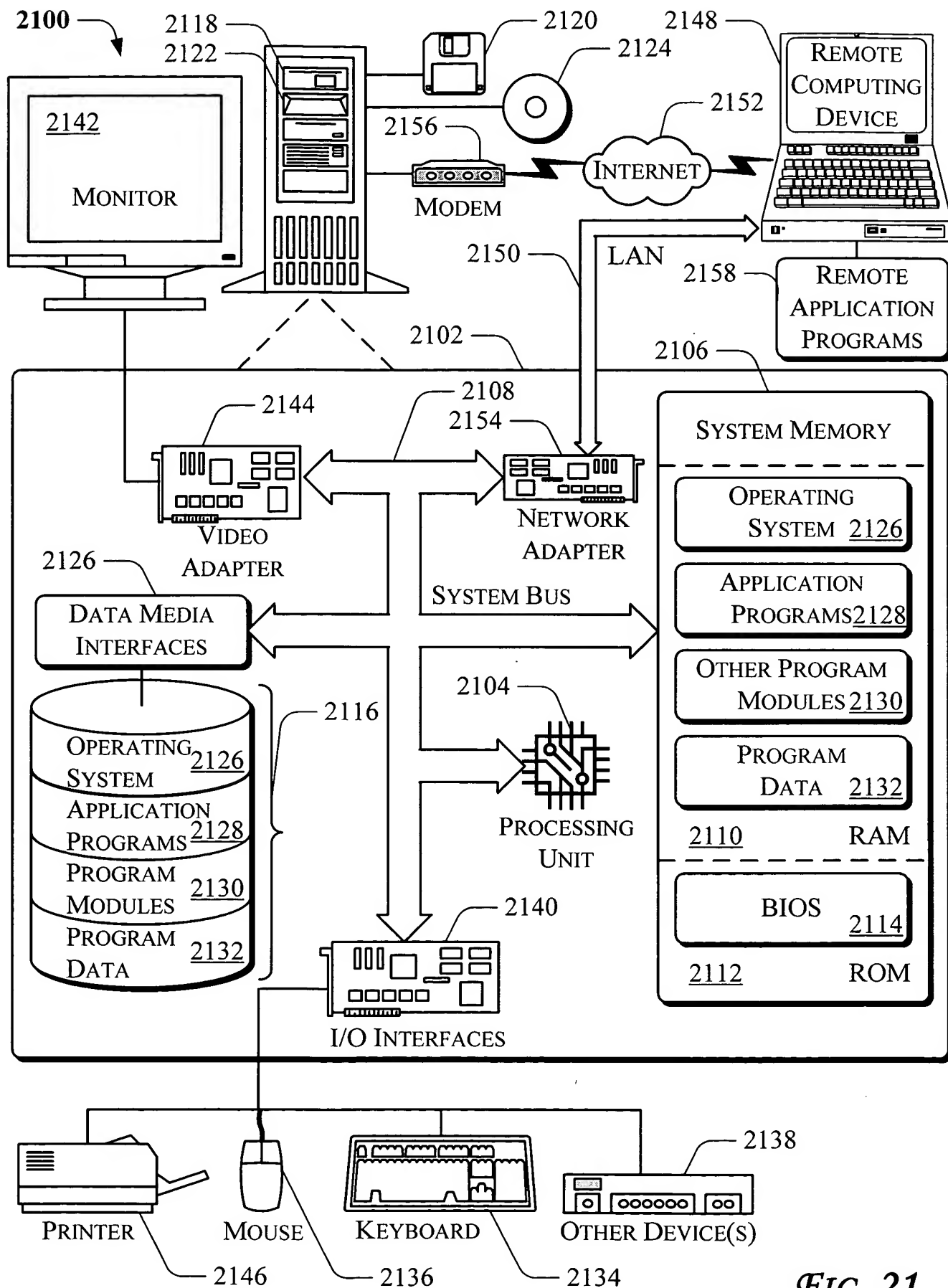


FIG. 21

